

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	95	feng-wen near3 sun.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 10:52
S2	75	lin-nan near3 lee.in.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/02/08 10:53
S3	108	lin-nan near3 lee.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 10:53
S4	3901	(370/514 370/510 370/278 370/316 370/324 375/364 375/365 375/279 375/329 375/308).ccls.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/02/08 10:55
S5	381	(codeword code adj word uniqueword unique adj word) same ((signaling signalling framing) with (information field))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 10:57
S6	21	S5 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 10:57
S8	44	(codeword code adj word uniqueword unique adj word) same (signaling signalling framing) same multipl\$4 same logic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 11:12

## EAST Search History

S9	29	S8 and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 11:12
S10	46	(codeword code adj word uniqueword unique adj word) same multipl\$4 same constant same (modify\$3 chang\$3 alter\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 11:17
S11	21	S10 and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 11:17
S13	82	(codeword code adj word uniqueword unique adj word) same multiplier same (modify\$3 chang\$3 alter\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 11:58
S14	58	S13 and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 11:58
S15	4	(LDPC low adj density adj parity adj check) same (codeword code adj word uniqueword unique adj word) same logic and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 12:15
S16	96	(codeword code adj word uniqueword unique adj word) with logic with (multipl\$4 repeat\$3) and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 12:25

## EAST Search History

S18	14	(framing signaling signalling) same (codeword code adj word uniqueword unique adj word) same (frame stream subframe sub adj frame subpacket sub adj packet symbol data) same logic same (multipl\$4 repeat\$3) and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 13:09
S19	38	(framing signaling signalling) same (codeword code adj word uniqueword unique adj word) same logic same (multipl\$4 repeat\$3) and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 13:11
S20	28	(framing signaling signalling) same (codeword code adj word uniqueword unique adj word) same (additional with (bit symbol)) same (multipl\$4 repeat\$3) and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 13:16
S21	29	(framing signaling signalling) same (codeword code adj word uniqueword unique adj word) same multipl\$4 same logic and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 13:28
S24	32	(codeword code adj word uniqueword unique adj word) same multipl\$4 and LDPC and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 13:30
S25	79	(codeword code adj word uniqueword unique adj word) same (LDPC low adj density adj parity adj check) and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 14:13
S26	5	(codeword code adj word uniqueword unique adj word) same (reed adj muller) same logic and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 14:37

## EAST Search History

S27	438	(codeword code adj word uniqueword unique adj word) same multipl\$4 same logic and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 14:40
S28	351	S27 not S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 14:54
S29	4	(codeword code adj word uniqueword unique adj word) same modify\$3 same (stream subframe sub adj frame subpacket sub adj packet data subblock sub adj block) same multipl\$4 same logic and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 14:59
S30	37	(codeword code adj word uniqueword unique adj word) same modify\$3 same (stream subframe sub adj frame subpacket sub adj packet data subblock sub adj block) same multipl\$4 and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 15:00
S31	28	song adj young adj joon.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 15:05
S32	11	(codeword code adj word uniqueword unique adj word) same mapper same multiplier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 15:18
S33	222	(codeword code adj word uniqueword unique adj word) same map\$4 same multip\$4 and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 15:33

## EAST Search History

S34	7	(codeword code adj word uniqueword unique adj word code) same map\$4 same multip\$4 and LDPC and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 15:55
S36	248	(codeword code adj word uniqueword unique adj word code) same map\$4 same (frame stream subframe sub adj frame subpacket sub adj packet symbol data) same multiplier and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 16:04
S37	232	S36 not S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 16:04
S38	135	(codeword code adj word uniqueword unique adj word code) same map\$4 same (frame stream subframe sub adj frame subpacket sub adj packet symbol data) same multiplier and ("370"/\$ "375"/\$). ccls. and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 16:10
S39	11	(framing signalling signaling) same map\$4 same multiplier and ("370"/\$ "375"/\$).ccls. and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 16:29
S40	4	(LDPC low adj density adj parity adj check) and mapper and multiplier and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 16:33
S41	130	(LDPC low adj density adj parity adj check) and map\$4 and multipl\$4 and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 16:34

## EAST Search History

S42	294	(codeword code adj word unique word unique adj word) with multiplier and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 16:43
S43	51	constellation same mapper same multiplier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 17:11
S44	4	(codeword code adj word unique word unique adj word) same (data frame packet) same constellation same multiplier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 17:20
S45	191	mapper same (data frame packet) same multiplier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 17:22
S46	10	LDPC same (data frame packet) and multiplier and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 17:40
S47	19	LDPC and multiplier and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 17:51
S48	15	reed adj muller and mapper and multiplier and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 17:56

## EAST Search History

S49	162	(codeword code adj word uniqueword unique adj word) and mapper and multiplier and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 18:04
S50	255	satellite and mapper and multiplier and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 18:11
S51	95	LDPC and map\$4 and multipl\$4 and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/08 18:16
S53	17	map\$4 same (codeword code adj word uniqueword unique adj word) same (frame stream symbol data) same multipl\$4 same synchron\$7 and ("370"/\$ "375"/\$).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/12 13:22
S54	172	map\$4 same (codeword code adj word uniqueword unique adj word) same (frame stream symbol data) same multipl\$4 and ("370"/\$ "375"/\$).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/12 13:27
S55	155	S54 not S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/12 13:27
S56	309	modul\$5 same constellat\$3 same map\$4 same multipl\$6 and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/12 13:55

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S57	44	modul\$5 with constellat\$3 with map\$4 with multipl\$6 and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/12 13:58
S58	3	(reed adj muller) same map\$4 same multipl\$6 and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/12 14:06
S59	14	mapper with multiplier with (value constant) and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/12 14:08
S60	63	mapper same multiplier same (value constant parameter) and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/12 14:11
S61	49	S60 not S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/12 14:11
S62	59	(codeword code adj word uniqueword unique adj word) same (frame stream symbol data) same multipl\$4 same framing and ("370"/\$ "375"/\$).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/12 14:23
S63	137	(mapper map\$4 adj unit) with (multiplier multipl\$4 adj unit) and @ad<="20030613"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/02/12 15:35



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S64	142	(mapper map\$4 adj unit) with (multiplier multipl\$4 adj unit) and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/12 15:35
S65	62	(mapper map\$4 adj unit) with (stream frame data symbol) with (multiplier multipl\$4 adj unit) and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/12 15:36
S66	189	(mapper map\$4 adj unit) same (stream frame data symbol) same (multiplier multipl\$4 adj unit) and @ad<="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/12 15:48
S67	127	S66 not S65	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/12 15:49
S70	5	(codeword code adj word uniqueword unique adj word) and multipl\$4 and @ad="20030613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/12 16:27
S71	237	multipl\$4 with (frame data stream symbols) same (constellation BPSK) same map\$4 same modulat\$3 and @ad<="20031613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 08:47
S79	78	(sign logic\$2) with multiplier with (frame data stream symbol) same rotat\$3 and @ad<="20031613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 10:20

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S81	90	((duplicat\$3 complement) with bit) with multiplier with (frame data stream symbol) and @ad<="20031613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 10:34
S82	5	(sign logic) same multiplier same ((framing signaling signalling) with (field information)) and @ad<="20031613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 11:04
S83	39	multiplier same ((framing signaling signalling) with (field information)) and @ad<="20031613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 11:06
S85	2	multiplier with (sign logic) same framing and @ad<="20031613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 11:12
S86	41	multiplier same (sign logic) same framing and @ad<="20031613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 11:12
S87	564	(BPSK QPSK) same multiplier same (frame data stream symbol) and @ad<="20031613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 11:27
S88	24	(BPSK QPSK) same multiplier same constant same (frame data stream symbol) and @ad<="20031613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 11:28

## EAST Search History

S89	2	framing near3 information and LDPC and @ad<="20031613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 12:38
S90	5	framing near3 information same multiplier and @ad<="20031613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 12:40
S91	146	framing near3 information and multiplier and synchronizat\$3 and @ad<="20031613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 12:44
S92	38	framing near3 information and multiplier and synchronizat\$3 and (codeword code adj word unique word unique adj word) and @ad<="20031613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 12:45
S93	96	framing near3 information and (multiplier scrambl\$3) and synchronizat\$3 and (codeword code adj word unique word unique adj word control adj frame) and @ad<="20031613"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 12:57
S94	58	S93 not S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/13 12:58